

MINOLTA

VECTIS 30

E INSTRUCTION MANUAL



Thank you for purchasing the Minolta Vectis 30. The Vectis 30 is an easy to operate lens shutter camera from Minolta's new line of Advanced Photo System™ cameras. Your camera features drop-in loading, a 30 - 90mm zoom lens, and splashproof construction. In addition to providing built-in protection for the camera's optics, the Vectis 30's front cover provides a sophisticated appearance suitable for any occasion.

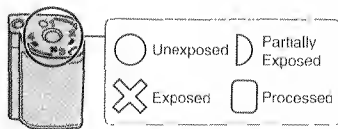
This manual is designed to help you understand the operation of your camera and its functions. Please familiarize yourself with the names of the controls and their locations on the camera, then read this manual thoroughly.

* Advanced Photo System™ is a trademark of the five system developing companies.

Advantages of the Advanced Photo System

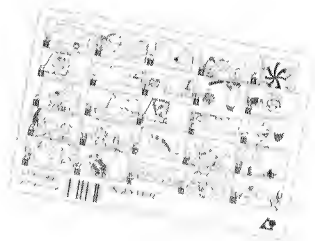
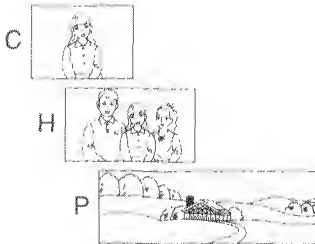
Easier to load...

Advanced Photo System cameras use the new IX240 type film. This new film features drop-in-loading to make loading your camera simple, the first time, every time. Indicators on the cassette tell you and your camera if the film is unexposed, partially exposed, exposed, or processed.



New print formats...

Classic C print, wider H print, and panorama P print formats are available with Advanced Photo System cameras.



New processing...

In addition to returning your prints in the format you selected, certified photofinishers will return your Advanced Photo System film in its original cassette with an index print. To order reprints, simply choose the images you want from the index print. No more searching through negatives to find the right frame.

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FOR PROPER AND SAFE USE

STANDARD SYMBOLS

Various symbols are used in the instruction manual to promote proper and safe use of this product. Read and understand each caution thoroughly before reading the instruction manual.

EXAMPLES



The outer triangle is for warning. The symbol inside illustrates what is being warned against. The example at left means beware of extreme heat.



The circle with a diagonal slash is for prohibition (don't do). The symbol inside illustrates what act is prohibited. The example at left means do not disassemble.

SAFETY CAUTIONS

Read and understand all cautions and warnings before using this product.

WARNING



Do not touch the flashtube during operation, it may become hot when the flash fires.



Do not look directly at the sun through the viewfinder.



Do not subject the camera to direct sunlight. Fire may occur if the sunlight focuses at one point.



Batteries may explode due to improper use. Read and follow all warnings supplied with the batteries.



- Do not install the polarity (+/-) reversed.
- Do not use batteries with visible damage.
- Do not recharge, short, disassemble, or subject to high temperatures.



WARNING

Observe the following warnings when using this product near young children or persons who may have difficulty perceiving the potential danger associated with these products.



If caution is not used, the following accidents or others may occur:

- Flash fired near the eyes.
- Strap wound around the neck.



Keep batteries and other things that could be swallowed away from young children. Contact a doctor immediately if an object is swallowed.

CAUTION



Do not fire the flash near the eyes of people or animals, especially infants and young children. Do not fire the flash if your subject is closer than the minimum flash distance stated in the manual.



If the camera is dropped or subjected to an impact in which the interior is exposed, immediately remove the batteries and discontinue use.



Do not disassemble. Take your camera to a Minolta Service Facility when repairs are required. Electric shock may occur if a high voltage circuit inside the camera is touched.



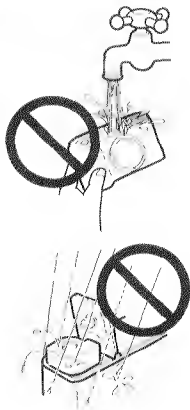
SPLASHPROOF NOTES

THIS CAMERA IS SPLASHPROOF AND CAN BE USED IN LIGHT RAIN OR SNOW.

- Do not place the camera under running water or immerse.

Please Note:

1. When using the camera outdoors in heavy rain, keep the camera protected from the rain.
2. The interior of the camera is not moisture resistant.
 - Dry the camera before opening the film or battery chambers.
 - When inserting or removing film or batteries, keep your hands dry.
3. Do not load film or replace batteries in places where water, blowing sand, or dust can enter the camera.
4. This camera is not sandproof, do not place the camera directly on the ground.



5. Remove moisture from the camera, especially salt water and spilled liquids containing sugar.
6. If the rubber seals appear cracked or damaged, contact the nearest Minolta Service Facility to have them replaced.
7. Close the film and battery chamber covers tightly. Clean the rubber seals before closing covers.
8. The IR Remote Control RC-3 is not splashproof.

OPERATING CONDITIONS

OPERATING TEMPERATURE AND CONDITIONS

- This camera is designed for use from -10 to 40°C (14 to 104°F).
- Never leave your camera where it may be subjected to extreme temperatures such as in the glove compartment of a car.
- At colder temperatures, the data panel response time will be slow. At higher temperatures, the display will temporarily darken, but will restore when the temperature normalizes.
- Never subject the camera to extreme humidity.
- To prevent condensation from forming, place the camera in a sealed plastic bag when bringing it from the cold exterior into a warm building. Allow it to come to room temperature before removing it from the bag.
- When photographing in cold weather, we recommend that you keep the camera and spare batteries inside your coat to keep them warm when you are not shooting. Cold batteries will regain some of their charge when they warm up.





FILM CASSETTE WARNING

The film used in Advanced Photo System cameras stores some data magnetically. Do not place the cartridge on or near anything that creates a magnetic field, such as a television or stereo speakers.

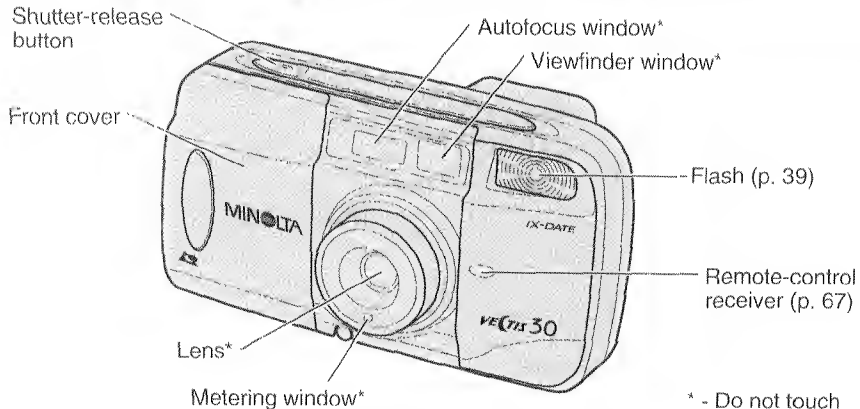
CAMERA ERROR

If all the indicators in the data panel blink, or the data panel is blank and the camera will not function with fresh batteries, remove and reinsert the batteries. If normal operation does not resume, or the camera malfunctions repeatedly, contact an authorized Minolta Service Facility.

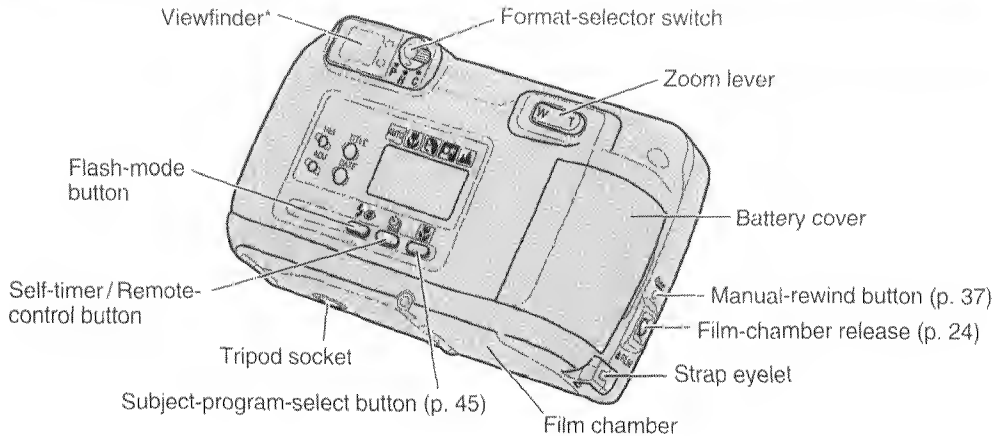
NAMES OF PARTS

Camera Body

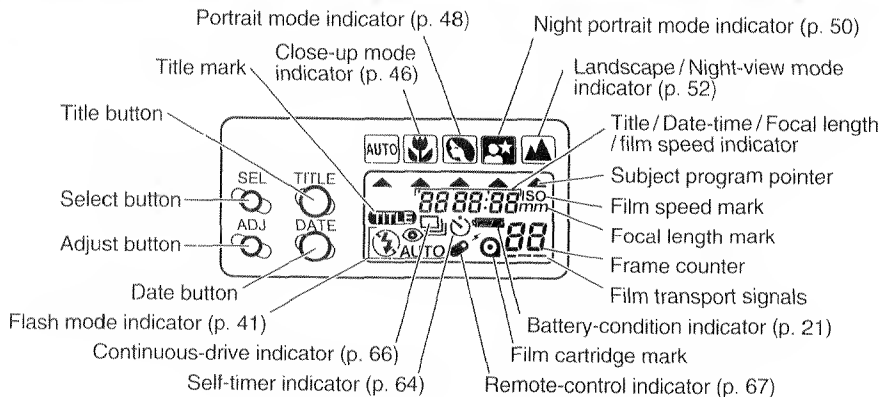
For information on specific parts, refer to the page numbers shown in parenthesis.



* - Do not touch

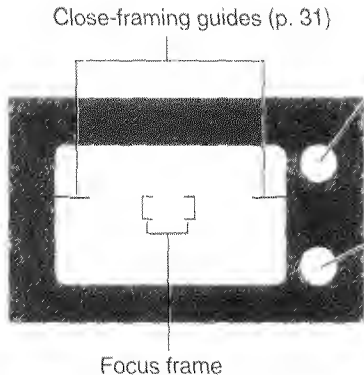


Data Panel



• Only the necessary indicators will appear in the data panel.

Viewfinder



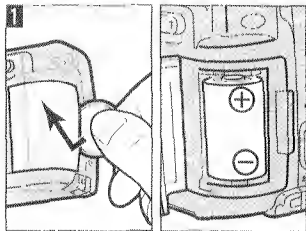
Focus lamp (green)

| | |
|---------------|--------------------------------------|
| lamp on | focus OK |
| slow blinking | special focus situation see p. 32 |
| fast blinking | too close |

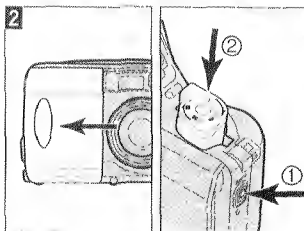
Flash lamp (orange)

| | |
|---------------|---------------------|
| on | flash charged |
| slow blinking | use flash or tripod |
| fast blinking | flash charging |

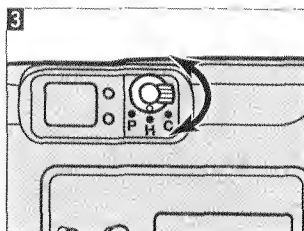
QUICK OPERATION



1. Insert the battery.
(p. 20)

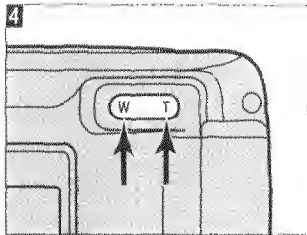


2. Open the front cover,
then insert the film.
(p. 24)

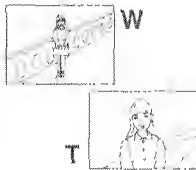


3. Select the print format.
(p. 27)

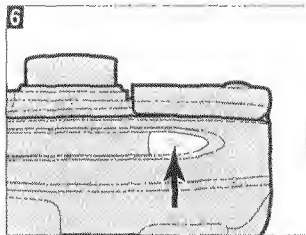




4. Frame the subject as desired. (p. 28)



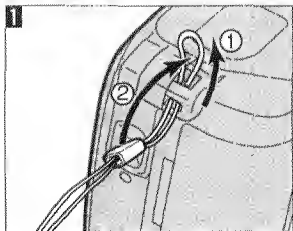
5. Center your subject in the focus frame. (p. 28)



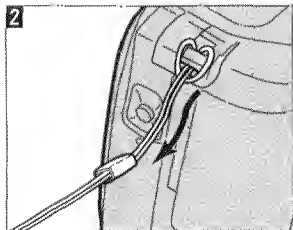
6. Press the shutter-release button all-the-way down to take the picture. (p. 29)

GETTING STARTED

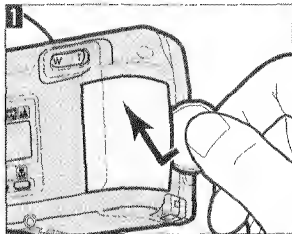
ATTACHING THE STRAP



Attach the strap as shown.



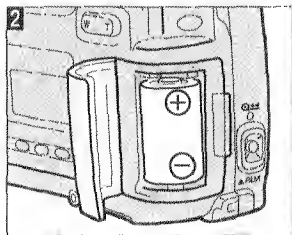
INSTALLING THE BATTERY



Your camera uses one 3-volt CR-2 battery to supply power for all camera operations.

- Remove dirt and moisture from the camera and battery before opening the battery chamber cover.

1. Using a coin, open the battery chamber door as shown.



2. Insert the battery into the chamber as indicated by the + and - marks.

3. Snap the battery chamber door shut.

- After installing a new battery, - - - - - will blink in the data panel. Reset the date and time. (see p. 55)

CHECKING THE BATTERY POWER

Each time the main switch is turned on, a symbol will appear in the data panel to indicate the power status of the batteries.



Power is sufficient for all camera operations.



Power is sufficient, but the battery will have to be replaced soon.



Replace the battery. The shutter will lock until the battery is replaced.

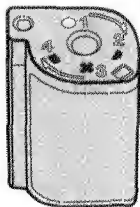
- If no display appears, replace the battery or check that it is inserted correctly.
- To save power, your camera will shut down and retract the lens if it is not operated for more than three minutes. To restore power, close and open the front cover.
- Do not obstruct the lens while it is retracting.

BASIC OPERATION

LOADING FILM

Your camera uses IX240 type film designed for use in Advanced Photo System cameras.

- Your camera's automatic transport system loads the film, sets the film speed, and advances the film after each exposure.
- The film chamber will not open unless it is empty, or the film is completely rewound.
- DEP, Double Exposure Prevention, prevents the camera from accepting exposed film.



Visual Exposure Indicators

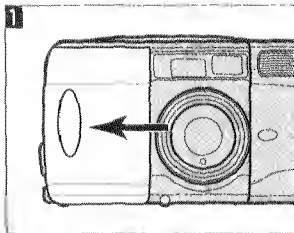
- The current VEI has a white indicator behind it.

| VEI | MEANING |
|-----|-------------------|
| ○ | UNEXPOSED |
| D | PARTIALLY EXPOSED |
| X | EXPOSED |
| □ | PROCESSED |

- This camera will only load film with the ● mark current.

LOADING FILM CONT.

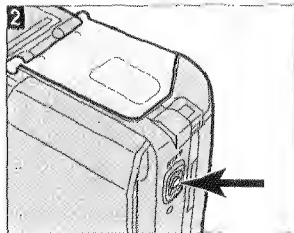
1



1. Open the front cover to turn the camera on.

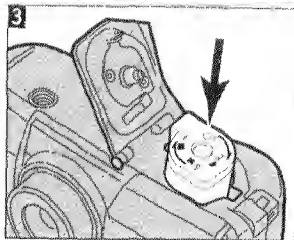
- Film can be loaded when the camera is on or off.
- If film is loaded with the camera off, all indicators in the data panel will disappear after the number of frames remaining is displayed.

2

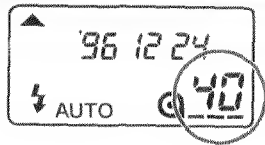


2. Turn the camera upside down and press the film-chamber release. The film-chamber door will open partway.

- Before opening the film-chamber, wipe any dirt or moisture off the camera.



3. Open the film-chamber door and insert the cassette into the film chamber.



4. Close the film-chamber door.

The camera will display the cartridge mark and the film speed in the data panel, then advance the film to the first frame. The frame counter will show the number of frames remaining on the roll.

- After the film is loaded, pressing the film-chamber release button will display the exposure number and the film speed in the data panel.

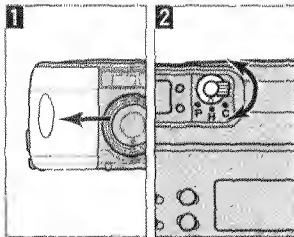
LOADING FILM CONT.



If 0 and the film transport signals blink in the data panel, press the film chamber release and remove the film.

- If the film's current VEI is ✖, insert a new roll of film.
- If a partially exposed roll of film was loaded into this camera, the VEI has been changed from ▶ to ✖.
- If a processed roll of film was loaded into this camera, the VEI has been changed from ■ to ✖.
- If the film's current VEI is ●, remove the film, remove and reinsert the battery, then reload the film. If the film will not load, contact the nearest authorized Minolta Service Facility.

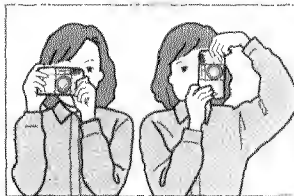
FULL-AUTO OPERATION



1. Open the front cover to turn the camera on.

- The camera is set for fully-automatic operation and the flash will fire automatically when necessary.

2. Select the print format. The viewfinder will change to match your selection.

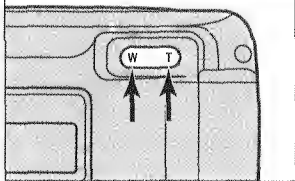


Hold the camera steady, making sure your fingers do not cover the flash. If you are taking a vertically framed picture, turn the camera so the flash is on top.

(Continued on the following page)

FULL-AUTO OPERATION CONT.

3



3. Looking through the viewfinder, frame the subject as desired.

Press **W** on the zoom lever to zoom out.

Press **T** on the zoom lever to zoom in.

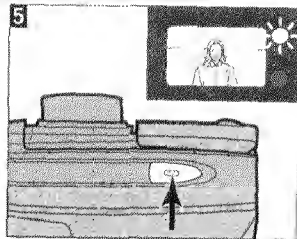
4



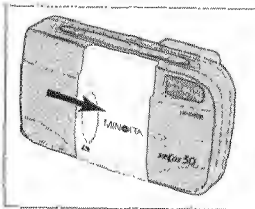
4. Center your subject in the focus frame, then press the shutter-release button partway down.



- In low-light conditions, the AF illuminator (flash) will fire to determine focus distance.
- If the orange flash lamp blinks quickly, the flash is not charged.
- Press the shutter with a slow steady squeeze — never a quick jab.



5. When the green focus lamp glows, press the shutter-release button all-the-way down to take the picture.



- After use, close the front cover part way until the lens retracts, then close completely.
- Do not obstruct the lens barrel.

FOR CLOSER SUBJECTS

The green focus-lamp will blink rapidly and the shutter will lock when you are closer than the focus distance indicated below.

| Focal Length | 30 – 60 mm | 60 – 90 mm | |
|----------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Print Format | All | C or H | P |
| Focus Distance | 0.5m - ∞ (1.6 ft. - ∞) | 0.6m - ∞ (2.0 ft. - ∞) | 0.8m - ∞ (2.6 ft. - ∞) |

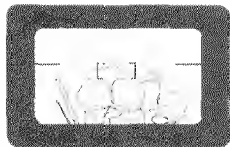
- If the camera can not determine the focus distance, the green focus-lamp will blink slowly and the picture may not be in focus.



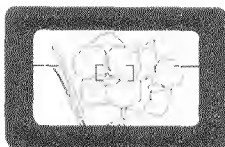
When your subject is closer than 1.5m (4.9 ft.), (2.0m (6.6 ft.) in Panorama format), compose your picture within the close-framing guides using focus hold if necessary. (see p. 34).

For close-up photography, see page 46.

Correct

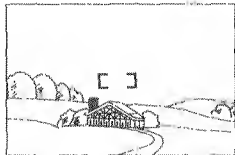


Not Correct



SPECIAL FOCUSING SITUATIONS

Some scenes or subjects, like the examples below, are difficult for the autofocus system to lock on to. When the focus will not lock, focus hold (p. 34) on another object the same distance from you as your main subject, recompose, then press the shutter-release button *all-the-way* down to take the picture.



When a very bright or low contrast area fills the focus frame.

The green focus lamp will blink slowly to warn you that focus may not be accurate.



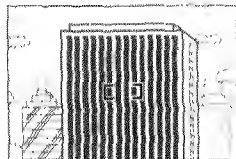
When your subject is near a very bright object or area.

The green focus lamp may glow, but the focus may not be accurate.



When two subjects overlap in the focus frame.

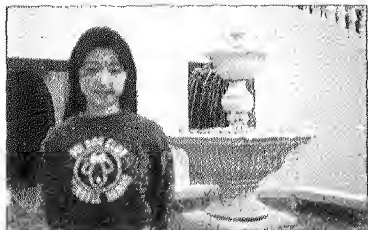
The green focus lamp will glow and the closer of the two subjects will be in focus.



When a subject composed of alternating light and dark lines fills the focus frame.

The green focus lamp will blink rapidly and the shutter will lock.

FOCUS HOLD

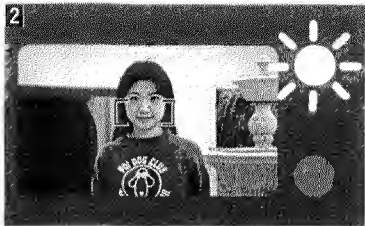


Subjects outside the focus frame may not be in focus.
Use focus hold to ensure accurate focusing.

1



1. Center your subject in the focus frame.



2. Press and hold the shutter-release button partway down until the green focus-lamp glows.



3. Without lifting your finger, recompose the picture and press the shutter-release button all-the-way down to take the picture.

- Lift your finger from the shutter-release button to cancel focus hold.


REWINDING THE FILM - AUTOMATIC

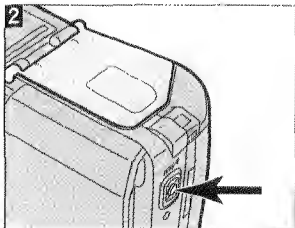
1



Your camera automatically rewinds the film into the cassette after the last exposure.

1. Wait for the film to completely rewind into the cassette.

- The frame counter will count down during rewind.
- 0 will appear in the frame counter and  will blink when the film is rewind.

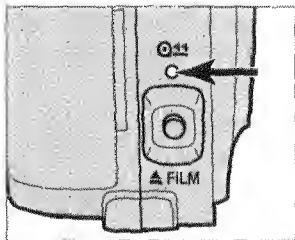


2. Turn the camera upside-down and press the film-chamber release button to open the film-chamber door.

3. Open the film-chamber door and remove the film.

- The film's VEI indicator will be ✕.

REWINDING THE FILM - MANUAL



Use manual rewind when you want to switch to a different type or speed of film before the current roll is finished.

1. Gently press the manual rewind button using a pen or similar object.
2. Follow steps 1- 3 from automatic rewind.

PROCESSING



For best results, take your film to a Certified Advanced Photo System photofinisher displaying this symbol. (see p. 72)